

SRI GURU NANAK PUBLIC SCHOOL, ADARSH NAGAR, DELHI-110033

CLASS – XI : COMMERCE

SYLLABUS BREAKUP 2024-25

SUBJECT: ENGLISH CORE (301)

Dates/ Week	Worki ng ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	Tenses, Clauses, Comprehension, Ch. 1 - Portrait of a lady	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
15 th April – 30 th April	14	Ch 2 - We are not afraid to die Ch 3- Discovering Tut Poem : A Photograph	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skill	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
1 st May – 13 th May	10	Poster, Advertisement, Ch 1-Summer of Beautiful White Horse	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts,	Assessment of Listening Skills	NCERT Text books, BBC, Rachna Sagar

			develop finer tastes for poetry and prose, enhance English communication skills		
1 st July – 12 th July	11	Ch 4 -The Address	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
15 th July – 31 st July	14	Ch 5 -Mother's day, Speech , Sentence Reordering	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
1 st Aug – 14 th Aug	11	Ch 7 -Adventure Poem-Voice of Rain	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	PROJECT	NCERT Text books, BBC, Rachna Sagar
16 th Aug – 31 st Aug	11	Ch 7 -Birth, Poem : The Laburnum Top	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts,	Assessment of	NCERT Text books, BBC,

			develop finer tastes for poetry and prose, enhance English communication skills	Listening Skills	Rachna Sagar
02 nd Sept – 07 th Sept	05	Ch 8 -Silk Road	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
08 th Oct – 19 th Oct	06	Debate Writing, Poem-Childhood	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
21 st Oct – 08 th Nov	11	Poem -Father to Son, Note Making	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar

			skills		
11 th Nov – 30 th Nov	16	Poem-Tale of Melon City	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
02 nd Dec – 21 st Dec	16	Comprehension, Note Making	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
23 rd Dec – 06 th Jan '25	10	MOCK YEARLY EXAM			
7 th Jan'25 – 18 th Jan'25	09	Poster, Advertisement	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar

20 th Jan'25 - 07 th Feb'25	16	Speech, Debate, Grammar Writing Skill Topics	Comprehend textual content, enhance vocabulary, write with proper expression and in coherence, write answers to questions based on texts, develop finer tastes for poetry and prose, enhance English communication skills	ASSESSMENT OF SPEAKING SKILLS	NCERT Text books, BBC, Rachna Sagar
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25	ANNUAL EXAM				

SUBJECT: BUSINESS STUDIES (054)

DATE/ WEEK	WORKING DAYS	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		

15 th April – 30 th April	14	<u>CH-EVOLUTION AND FUNDAMENTALS OF BUSINESS</u>	<ul style="list-style-type: none"> • To acquaint the History of Trade and Commerce in India. • Understanding the Concept and Characteristics of Business, Profession and Employment and differentiate between them. • Discussing the Role of profit in business. • Classification of business activities: Industry and Commerce. • knowing the nature and types of business risks. 	Practice Sheets (Assignments)	G.S ALAG TEXTBOOK and Videos on smart panel board from YouTube.
1 st May – 13 th May	10	<u>CH-FORMS OF BUSINESS ORGANISATIONS</u>	<ul style="list-style-type: none"> • Understanding the different forms of Business Organisations- Sole proprietorship, Hindu undivided family and Partnership 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
1 st July –12 th July	11	<u>CH-FORMS OF BUSINESS ORGANISATIONS (contd.)</u>	<ul style="list-style-type: none"> • Cooperative societies and company. • Highlight the stages in the formation of a company. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from YouTube.
15 th July – 31 st July	14	<u>CH-BUSINESS SERVICES.</u>	<ul style="list-style-type: none"> • Get the knowledge about various types of Banks and its services • Know the various principles of Insurance and types. • Postal and Tele-Communication 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from YouTube.

1 st Aug – 14 th Aug	11	<u>CH-EMERGING MODES OF BUSINESS.</u> <u>CH-SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS</u>	<ul style="list-style-type: none"> • Understanding the new ways of doing business: E- business. • To Know the meaning of Social Responsibility. • Get to know the case for and Against assuming social responsibility. • Study of responsibilities towards Owners, Consumers, Employees, Government and Community. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
16 th Aug – 31 st Aug	11	<u>CH-SOURCES OF BUSINESS FINANCE</u>	<ul style="list-style-type: none"> • Understand the concept of Business finance. • its types- Owner's funds and Borrowed funds. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
02 nd Sept – 07 th Sept	05	<u>CH-SOURCES OF BUSINESS FINANCE (contd.)</u>	<ul style="list-style-type: none"> • Distinguish between Owner's funds and Borrowed funds. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
09 th Sept –20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd Sept – 07 th Oct		MID TERM EXAM			
08 th Oct – 19 th Oct	06	<u>CH-INTERNAL TRADE</u>	<ul style="list-style-type: none"> • State the meaning of internal trade. • Appreciate the services of wholesaler and retailer. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.

21 st Oct –08 th Nov	11	<u>CH- INTERNAL TRADE (contd)</u>	<ul style="list-style-type: none"> • Different types of retail trade. • Understand the concept of GST. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
11 th Nov – 30 th Nov	16	<u>CH- INTERNATIONAL TRADE</u> <u>CH- PUBLIC, PRIVATE AND GLOBAL ENTERPRISES.</u>	<ul style="list-style-type: none"> • Understand the concept of international trade. • Discuss the scope of international trade to the nation and business firms. • Understand the different forms Public Enterprises. • Differentiate between the different types of Public Enterprises. • Know about the Multinational companies 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
02 nd Dec – 21 st Dec	16	<u>CH- MARKETING MANAGEMENT</u>	<ul style="list-style-type: none"> • Understand the concept, features, functions of marketing. • Philosophies of marketing. • Understand the concept of marketing mix and its elements in detail. • Understand the concept of marketing mix and its elements in detail. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
23 rd Dec – 06 th Jan'25	10	MOCK YEARLY EXAM			

7 th Jan'25 - 18 th Jan'25	09	CH- BUSINESS ENVIRONMENT	<ul style="list-style-type: none"> Understanding the concept and importance of business environment. Knowing the Dimensions of Business Environment. Demonetization- concept and features. 	Practice Sheets (Assignment)	G.S ALAG TEXTBOOK and Videos on smart panel board from youtube.
20 th Jan'25 - 07 th Feb'25	16	CASE STUDIES (ALL CHAPTERS)	<ul style="list-style-type: none"> Understanding the concept 	Practice Sheets	G.S ALAG TEXTBOOK.
10 th Feb'25 - 20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25	ANNUAL EXAM				

SUBJECT: ACCOUNTANCY , CODE(055)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	INTRODUCTION TO ACCOUNTING. BASIC ACCOUNTING TERMS	advantages and limitations of accounting in the modern economic environment with varied types of business and non business economic	Sense board	Videos on smart panel board from youtube.
15 th April –30 th April	14	THEORY BASE OF ACCOUNTING. ACCOUNTING EQUATION	Describe the meaning of accounting assumptions and the situation in which an assumption is applied during the accounting process.	Sense board	Videos on smart panel board from youtube.

1 st May – 13 th May	10	THEORY BASE OF ACCOUNTING. ACCOUNTING EQUATION	Explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and negative effect on	Sense board	Videos on smart panel board from youtube.
1 st July – 12 th July	11	ACCOUNTING PROCEDURES. RULES OF DEBIT AND CREDIT. JOURNAL	Explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses.	senseboard	Videos on smart panel board from youtube.
15 th July – 31 st July	14	LEDGER, CASH BOOK. BANK RECONCILIATION STATEMENT	Explain the purpose of maintaining a cash book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in cash book. At times bank balance as indicated by cash book is different from bank balance as shown by the pass book and to reconcile both the balances, BRS is prepared	senseboard	Videos on smart panel board from youtube.
1 st Aug – 14 th Aug	11	DEPRECIATION AND PROVISION AND RESERVE	Explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation and appreciate the need for creating reserves. Appreciate the difference between reserves and provisions	Sense board	Videos on smart panel board from youtube.
16 th Aug – 31 st Aug	11	RECTIFICATION OF ERRORS	Appreciate that errors may be committed during the process of accounting. Understand the meaning of different types of errors		Videos on smart panel board from youtube.

			and their effect on trial balance	Sense board	
02nd Sept – 07th Sept	05	RECTIFICATION OF ERRORS	Appreciate that errors may be committed during the process of accounting. Understand the meaning of different types of errors and their effect on trial balance	Sense board	Videos on smart panel board from youtube.
09th Sept – 20th Sept	10	REVISION FOR MID TERM EXAM			
23rd SEPT – 7th Oct	MID TERM EXAM				
08th Oct – 19th Oct	06	FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP	Understand the meaning of financial statements and the purpose of preparing financial statements	Sense board	Videos on smart panel board from youtube.
21st Oct – 08th Nov	11	ADJUSTMENTS IN PREPARATION OF FINANCIAL STATEMENTS	understand the technique of grouping and marshalling if assets and liabilities and develop the understanding and skill to do adjustments for items and their presentation in financial statements like depreciation, closing stock, provision, abnormal loss etc.	Sense board	Videos on smart panel board from youtube.
11th Nov – 30th Nov	16	ADJUSTMENTS IN PREPARATION OF FINANCIAL STATEMENTS	develop the understanding and skills to do adjustments like depreciation, closing stock, provision, abnormal loss etc.	Sense board	Videos on smart panel board from youtube.
02nd Dec – 21st Dec	16		meaning of partnership,firm ,partneship deed, fixed and	Sense board	Videos on smart panel board from youtube.

		FUNDAMENTALS	fluctuating capital accounts. preparation of profit and loss appropriation account past adjustments, guarantee of profit		
23rd Dec – 06th Jan '25	10	MOCK YEARLY EXAM			
7th Jan'25 –18th Jan'25	09	ANALYSIS OF FINANCIAL STATEMENTS	Company Balance Sheet	senseboard	
20th Jan'25 - 07th Feb'25	16	ANALYSIS OF FINANCIAL STATEMENTS	Company Balance Sheet	senseboard	
10th Feb'25 -20th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT : PSYCHOLOGY (037)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1st April – 12th April	10	Ch: 1 What is Psychology?	- Introduction to psychology as a disciple	-videos and case studies	https://youtu.be/vo4pMVb0R6M?feature=shared

15 th April – 30 th April	14	Ch: 1 What is Psychology? (cont..) Ch: 2 Methods of Enquiry in Psychology	- Introduction to various methods of enquiry, observation, survey, case studies	-field practical knowledge	https://youtu.be/J1TIYnRjCjU?feature=shared
1 st May – 13 th May	10	Ch: 2 Methods of Enquiry in Psychology (cont..)	- Introduction to various methods of enquiry, observation, survey, case studies	-field practical knowledge	https://youtu.be/J1TIYnRjCjU?feature=shared
1 st July – 12 th July	11	Practical -1	- Students enquiring and interviewing the school LD cases or slow learners	Using inventory	https://youtu.be/FWGzH1PK8dU?feature=shared
15 th July – 31 st July	14	Ch: 4 Human Development	- Understanding development cycle of a human and psychological changes in a human	- Art integrated learning	https://youtu.be/deDTTqYXfO0?feature=shared
1 st Aug – 14 th Aug	11	Ch: 4 Human Development (CONT)	Understanding development cycle of a human and psychological changes in a human	- Case studies	https://youtu.be/deDTTqYXfO0?feature=shared
16 th Aug – 31 st Aug	11	Ch: 5 Sensory, Attentional and Perceptual Processes	- Visual motor skills gross motor skills - Working of nervous system	Art integrated learning	https://youtu.be/unWnZvXJH2o?feature=shared
02 nd Sept – 07 th Sept	05	Ch: 5 Sensory, Attentional and Perceptual Processes (CONT)	- Visual motor skills gross motor skills Working of nervous system	- Case studies	https://youtu.be/unWnZvXJH2o?feature=shared
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct		MID TERM EXAM			

08 th Oct – 19 th Oct	06	Ch: 6 Learning	<ul style="list-style-type: none"> - Experiments of psychologist - Classical and operant condition - Dog and rat experiment 	- Field practical, visual representation	https://youtu.be/jd7Jdug5SRc?feature=shared
21 st Oct – 08 th Nov	11	Ch: 7 Human Memory	<ul style="list-style-type: none"> - Process of memory - Memory model 	Art integrated learning	https://youtu.be/-YLvXb2kZL0?feature=shared
11 th Nov – 30 th Nov	16	Ch: 8 Thinking	<ul style="list-style-type: none"> - Creative thinking - Barriers and strategies to creative thinking 	Field practical, visual representation	NCERT
02 nd Dec –21 st Dec	16	Ch: 9 Motivation and Emotions	<ul style="list-style-type: none"> - Managing emotions - Process of motivation in psychology - Maslow’s hierarchy of needs 	Art integrated learning	https://youtu.be/lh4_vrFu41Y?feature=shared
23 rd Dec –06 th Jan '25	10	MOCK YEARLY EXAM			
7 th Jan'25 – 18 th Jan'25	09	Revision of chap 1,2,3,4	Class tests with case studies and practicals	- Open book tests followed by Case studies	NCERT
20 th Jan'25 - 07 th Feb'25	16	Revision of chap 5,6,7,8,9	Class tests with case studies and practicals	- Open book tests followed by Case studies	NCERT
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT: ECONOMICS(030)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	MICROECONOMICS CH 1 INTRODUCTION	i. understand the meaning of economy ii. know the concept of PPC		Videos on smart panel board from you tube.
15 th April – 30 th April	14	MICROECONOMICS CH 2 CONSUMER'S EQUILIBRIUM STATISTICS CH 1 & 2 INTRODUCTION	i. understand the meaning of consumer equilibrium using cardinal and ordinal approaches ii. Know the basics of statistics in Economics iii. Understand the meaning, functions and scope of statistics		Videos on smart panel board from you tube.
1 st May – 13 th May	10	STATISTICS CH 3 COLLECTION OF DATA CH 4 ORGANISATION OF DATA	i. Understand the different methods of collecting data ii. Differentiate between the census and sample techniques iii. Know about primary and secondary data		Videos on smart panel board from you tube.
1 st July – 12 th July	11	STATISTICS CH 5 TABULAR PRESENTATION OF DATA CH 6 DIAGRAMMATIC PRESENTATION OF DATA CH 7 GRAPHICAL PRESENTATION OF DATA	i. get the knowledge about various ways of presenting the data i.e. tabular, diagrammatic and graphical. ii. Create bar diagrams, pie charts, etc. iii. Create and interpret graphs like histogram, frequency polygon, ogives and time-series graphs.		Videos on smart panel board from you tube.
15 th July – 31 st July	14	STATISTICS CH 8 MEASURES OF CENTRAL TENDENCY (ARITHMETIC MEAN)	i. Calculate the value of mean. ii. Understand the importance and properties of arithmetic mean.		Videos on smart panel board from you tube.
1 st Aug –	11	STATISTICS CH 9 MEASURES OF CENTRAL TENDENCY (MEDIAN AND MODE)	i. Calculate the value of mean, median and mode. ii. Differentiate between the three averages.		Videos on smart panel board from you tube.

14 th Aug			iii. Mention the advantages and disadvantages of mean, median and mode.		
16 th Aug – 31 st Aug	11	MICROECONOMICS CH 3 DEMAND	i. Know the meaning of demand ii. Differentiate between demand and quantity demanded iii. Conceptualise the factors affecting demand.		Videos on smart panel board from you tube.
02 nd Sept – 07 th Sept	05	MICROECONOMICS CH 4 DEMAND AND ELASTICITY	i. Understand the meaning of elasticity of demand. ii. Understand and apply the expenditure and percentage methods of finding elasticity of demand.		Videos on smart panel board from you tube.
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
08 th Oct – 19 th Oct	06	MICROECONOMICS CH 5 PRODUCTION CH 6 COST	i. Look at the market from the producer side. ii. Understand the concepts of product i.e. Total, Average and Marginal. iii. Understand the various types of costs i.e. Total fixed cost, Average fixed cost, Total variable cost, Average variable cost and Marginal cost.		Videos on smart panel board from you tube.
21 st Oct – 08 th Nov	11	MICROECONOMICS CH 7 REVENUE CH 8 PRODUCER EQUILIBRIUM	i. Know about Total, average and Marginal Revenue under perfect and imperfect competition. ii. Understand the concept of producer's equilibrium		Videos on smart panel board from you tube.
11 th Nov – 30 th Nov	16	STATISTICS CH 10 CORRELATION	i. Understand and apply the Karl Pearson's correlation coefficient and Spearman's correlation coefficient. ii. Know the properties of correlation		Videos on smart panel board from you tube.

			<p>coefficient.</p> <p>iii. Scatter diagram to show correlation.</p>		
02 nd Dec – 21 st Dec	16	<p>STATISTICS</p> <p>CH 11 INDEX NUMBERS</p>	<p>i. Conceptualise on the meaning of correlation and its main properties</p> <p>ii. Understand the meaning and uses of index numbers.</p> <p>iii. Understand CPI, WPI and IIP.</p>		Videos on smart panel board from you tube.
23 rd Dec – 06 th Jan '25	10	MOCK YEARLY EXAM			
7 th Jan'25 – 18 th Jan'25	09	<p>MICROECONOMICS</p> <p>CH 9 SUPPLY AND ELASTICITY</p> <p>CH 10 FORMS OF MARKET</p>	<p>i. Know the meaning of supply</p> <p>ii. Differentiate between supply and quantity supplied</p> <p>iii. Conceptualise the factors affecting supply.</p> <p>iv. Understand and apply the percentage methods of finding elasticity.</p> <p>v. Understand the various forms of market with special focus on Perfect competition and its features</p>		Videos on smart panel board from you tube.
20 th Jan'25 - 07 th Feb'25	16	<p>MICROECONOMICS</p> <p>CH 11 PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATIONS</p>	<p>i. Know and derive the determination of market equilibrium</p> <p>ii. Know the effect of change in demand and supply on market equilibrium.</p> <p>iii. Apply the concepts of price ceiling and price floor</p>		Videos on smart panel board from you tube.
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT : MATHEMATICS(Code 041)

MONTH	NO. OF WORKING DAYS	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE		
12APR-30 APR	15	CH 9 Sequence and Series	Geometric Progression (G.P), Relation between Arithmetic mean and Geometric mean.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
		CH 5 Complex Numbers and Quadratic Equations	Need of complex numbers, use of complex numbers, modulus and conjugate of complex numbers.		
1 MAY -13 MAY	10	CH 1 SETS	To understand Concept of sets,subsets ,powerset and apply them to problems. problem pictorially using venn diagrams.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
1 JULY - 12JULY	11	CH 2 RELATION FUNCTION	To understand relation and functions., To identify domain and codomain of functions	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY

					ARIHANT PUBLICATIONS
15 JULY - 31 JULY	14	CH 3 Trigonometric Functions	To solve problems on radian and degree measure of angles. To use identities in solving problems.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR, ALL IN ONE BY ARIHANT PUBLICATIONS
1 AUG -14 AUG	11	CH 6 LINEAR INEQUALITIES	To find graphical solutions to system of equations	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR, ALL IN ONE BY ARIHANT PUBLICATIONS
16 AUG - 31 AUG	11	CH 6 LINEAR INEQUALITIES CH 15 STATISTICS	To find graphical solutions to system of equations	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR, ALL IN ONE BY ARIHANT PUBLICATIONS
2 SEP-7 SEP	5		To find mean deviation about mean, median, variance & standard deviation for all types of data.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR, ALL IN ONE BY ARIHANT PUBLICATIONS

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9 SEPT - 20 SEPT	10	REVISION FOR MID TERM EXAMS			
23 SEPT - 7 OCT					
8 OCT- 19 OCT	6	CH 7 Permutations and Combinations	Number of ways in which a particular arrangement can be done.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
21 OCT- 8 NOV	11	CH 7 Permutations and Combinations (contd)	Number of ways in which a particular combinations can be done.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
		CH 8 BINOMIAL THEOREM	To find expansion using binomial theorem.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS

11 NOV-30NOV	16	CH 10 STRAIGHT LINES	To find Slope of line, Calculate angle between 2 line, To use various forms of equation of line. To calculate distance between 2 parallel lines.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
2 DEC-21 DEC	16	CH 12 THREE DIMENSIONAL GEOMETRY	To understand coordinate axes, octants, planes, coordinates of a point distance between two points	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
		CH 11 CONIC SECTION	To find equation of circle in various forms. To understand the geometry of conic sections. To find equations of parabola, ellipse, hyperbola. To apply the knowledge of conic section.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
23 DEC'24-6 JAN' 25	10	MOCK YEARLY EXAM			
7 JAN'25-18 JAN'25	9	CH 16 PROBABILITY	To find sample space, To identify between Exhaustive events and mutually exclusive events.	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS

20 JAN'25- 7 FEB'25	16	CH 13 LIMITS & DERIVATIVES	To understand limiting values of different functions like trigonometric , polynomial. To understand the concept of derivatives , calculation of derivatives using first principle, To use various rules for finding derivatives	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
10 FEB- 20 FEB'25	10	REVISION FOR YEARLY EXAM			
LAST WEEK OF FEB 2025		YEARLY EXAM			

SUBJECT: INFORMATICS PRACTICES, CODE (065)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
15 th April –30 th April	14	Ch 1: Computer System: Input – Output Unit , Memory Unit, Mobile system Ch 2 :Getting Started with Python	The learner :- -Identifies different input- output devices. - Their functioning. - Usage 1.Ability to understand and apply basic computational thinking. 2. Logic of Programming language	Observe the functioning of computer system. Work with different input- output devices Chart for Introduction of Python as Programming language. Plus and Minus of Python.	Link of youtube video: https://www.youtube.com/ w atch?v=q4nWVTJv4V8 Link of youtube video: https://www.youtube.com/w atch?v=aKjc3q1oGG4 Link of youtube video: https://www.youtube.com/w atch?v=dw141ebTOxA

1 st May – 13 th May	10	Ch 3 :Python Fundamentals	<p>1. Ability to understand the notion of Python Fundamentals</p> <p>2. Tokens.</p> <p>3. Expressions</p>	Debugging Python code	<p>Link of youtube video: https://www.youtube.com/watch?v=L21L-Rp5j7l</p>
1 st July – 12 th July	11	Ch4: Python Data Handling	Data types and how to use it in different situations.	Flash cards for different data types	<p>Link of youtube video: https://www.youtube.com/watch?v=L21L-Rp5j7l</p>
15 th July – 31 st July	14	Ch 5: Flow of Control	<p>Conditional statements: if, if- else, if-elif-else;</p>	<p>a) Programs to compute absolute value</p> <p>b) divisibility of a number.</p>	Informatics Practices by Preeti Arora
1 st Aug – 14 th Aug	11	Ch 5: Flow of Control	Notion of iterative computation and control flow: for(range(), len()), while, using flowcharts	<p>a) table of a number</p> <p>b) sort 3 numbers</p> <p>c) Fibonacci, tribonacci series</p>	Informatics Practices by Preeti Arora
16 th Aug – 31 st Aug	11	Ch 6 : List Manipulation	<p>Lists: 1. Definition, Creation of a list, Traversal of a list. 2.Operations on a list ,</p>	Program for finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers.	Informatics Practices by Preeti Arora
02 nd Sept – 07 th Sept	05	Ch 6 : List Manipulation	<p>Lists: functions/methods, Lists Slicing; Nested lists;</p>	Program for counting the frequency of elements in a list.	Informatics Practices by Preeti Arora

09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
08 th Oct – 19 th Oct	06	Ch 7 : Dictionaries	Dictionary: 1.Definition, Creation, Accessing elements of a dictionary, add an item, modify an item in a dictionary; Traversal, 3.functions/methods	Programs : count the number of times a character appears in a given string using a dictionary create a dictionary with names of employees, their salary and access them.	Informatics Practices by Preeti Arora
21 st Oct – 08 th Nov	11	Ch 10 : Database Concepts	1.Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key	Chart for Database concepts, features and terminology.	Informatics Practices by Preeti Arora
11 th Nov – 30 th Nov	16	Ch 11 : Structured Query Language	1.SQL Elements : Literals, Data types, Null, Comments Data Definition: CREATE database , Use, Create TABLE 2.Data Manipulation: INSERT,SELECT(different Varieties),FROM,WHERE criteria,ORDER BY, UPDATE, DELETE	To create a database To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. To insert the details of at least 10 students	https://youtu.be/orGavb9E9uw
02 nd Dec – 21 st Dec	16	Ch 11 : Structured Query Language (contd..)	More DDL Commands: ALTER table, DROP table, DROP Database	To alter table by adding a new attribute. To drop table	https://youtu.be/orGavb9E9uw

23 rd Dec – 06 th Jan '25	10	MOCK YEARLY EXAM			
7 th Jan'25 –18 th Jan'25	09	Ch 12: Emerging Trends	1. Artificial Intelligence, Machine Learning, Natural Language Processing, 2. Immersive experience (AR, VR), Robotics, 3. Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities.	PowerPoint presesntaion for IoT on Smart Panel Board	https://youtu.be/PD5xcePOSSA
20 th Jan'25 - 07 th Feb'25	16	Practical Work	MySQL Queries in Practical classes		
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 24		ANNUAL EXAM			

SUBJECT: PHYSICAL EDUCATION(048)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April –12 th April	10	Ch 1: Management of sports Events	Organising, Staffing, Directing and Controlling		You tube videos on smart Board panel

15 th April – 30 th April	14	Ch 1:Management of sports Events	Various Committees and their Responsibilities		You tube videos on smart Board panel
1 st May – 13 th May	10	Ch 1:Management of sports Events	Fixture & Its Procedure		You tube videos on smart Board panel
1 st July – 12 th July	11	Ch:2 Children & Women in sports	Common Postural Deformities		You tube videos on smart Board panel
15 th July – 31 st July	14	Ch:2 Children & Women in sports	Menarche, Menstruation Dysfunction, female Athletics Triad		You tube videos on smart Board panel
1 st Aug – 14 th Aug	11	Ch:3 Yoga & Preventive Measure for lifestyle Discuss	Cure & Prevent Obesity by Asanas		You tube videos on smart Board panel
16 th Aug – 31 st Aug	11	Ch:3 Yoga & Preventive Measure for lifestyle Discuss	Cure & Prevent Diabetes by Asanas		You tube videos on smart Board panel
02 nd Sept – 07 th Sept	05	Ch:3 Yoga & Preventive Measure for lifestyle Discuss	Cure & Prevent Asthma by Asanas		You tube videos on smart Board panel
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				

08th Oct – 19th Oct	06	Ch:3 Yoga & Preventive Measure for lifestyle Discuss	Cure & Prevent Hypertension by Asanas		You tube videos on smart Board panel
21st Oct – 08th Nov	11	Ch:4 Physical Education and Sports For CWSN	Competition For Disables		You tube videos on smart Board panel
11th Nov – 30th Nov	16	Ch:4 Physical Education and Sports For CWSN	Advantages of physical Activites for CWSN		You tube videos on smart Board panel
02nd Dec – 21st Dec	16	Ch:4 Physical Education and Sports For CWSN	Strategies for CWSN		You tube videos on smart Board panel
23rd Dec – 06th Jan '25	10	MOCK YEARLY EXAM			
7th Jan'25 – 18th Jan'25	09	Ch:5 Sports and Nutrition	Concept of Balance Diet Macro & Micro Nutrients		You tube videos on smart Board panel
20th Jan'25 - 07th Feb'25	16	Ch:5 Sports and Nutrition	Control weight, pitfalls of diet , food in tolrence		You tube videos on smart Board panel
10th Feb'25 - 20th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT -PUNJABI (Code 104)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	ਕਹਾਣੀ - ਸਾਂਝ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਹਮਦਰਦੀ ਦੀ ਭਾਵਨਾ ਨਾਲ ਮਨੁੱਖੀ ਸਾਂਝਾ ਪਕੇਰੀਆਂ ਹੁੰਦੀਆਂ ਹਨ ਬਾਰੇ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/kO7d_fqn_hqM
15 th April –30 th April	14	ਵਾਕ-ਵਟਾਂਦਰਾ (ਬਣਤਰ ਦੇ ਅਧਾਰ ਤੇ) ਪੈਰਾ ਰਚਨਾ	ਵਿਦਿਆਰਥੀ ਵਾਕ ਵਟਾਂਦਰਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/7ZMxpo0_fj8g
1 st May – 13 th May	10	ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਤੇ ਤਿਉਹਾਰ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਤੇ ਤਿਉਹਾਰਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/NKyBVZ_xEobk
1 st July – 12 th July	11	ਅਖਾਉਤਾਂ (1-15)	ਇਸ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਅਖਾਉਤਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/QwIZKq8_oPoA
15 th July – 31 st July	14	ਕਵਿਤਾ - ਟੁਕੜੀ ਜਗ ਤੋਂ ਨਯਾਰੀ ਸੰਖੇਪ ਰਚਨਾ	ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਕਸ਼ਮੀਰ ਦੀ ਸੁੰਦਰਤਾ ਬਾਰੇ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/0v0PWn5_hu48
1 st Aug – 14 th Aug	11	ਕਹਾਣੀ - ਨੀਲੀ ਕਾਰ ਵਿਹਾਰ ਦੇ ਪੱਤਰ	ਇਸ ਕਹਾਣੀ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪਸ਼ੂਆਂ ਪ੍ਰਤੀ ਮਨੁੱਖ ਦੀ ਸਵਾਰਥੀ ਸੋਚ ਬਾਰੇ ਜਾਣਨਗੇ। ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੱਤਰ ਲਿਖਣ ਦੇ ਢੰਗ ਨੂੰ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/mUwi8ej_WIpk https://youtu.be/oW11DS_RuXrM
16 th Aug – 31 st Aug	11	ਕਵਿਤਾ - ਤਾਜਮਹਲ	ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਤਾਜਮਹਲ ਦੀ ਸੁੰਦਰਤਾ ਬਾਰੇ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/3CkzSTN_NLYs
02 nd Sept – 07 th Sept	5	ਵਾਕ ਵਟਾਂਦਰਾ। (ਕਾਰਜ ਦੇ ਅਧਾਰ ਤੇ)	ਇਸ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਵਾਕ ਵਟਾਂਦਰਾ ਬਾਰੇ ਜਾਣਨਗੇ	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/-BB1uIqioso

09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct		MID TERM EXAM			
08 th Oct – 19 th Oct	6	ਕਵਿਤਾ - ਚੁੰਮ ਚੁੰਮ ਰੱਖੋ	ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਜਾਣਨਗੇ ਕਿ ਮਾਤਾ ਗੁਜਰੀ ਜੀ ਦੀ ਸਾਹਿਬਜ਼ਾਦਿਆਂ ਦੀ ਜੰਗ ਤੋਂ ਆਉਣ ਦੀ ਉਡੀਕ ਕਰ ਰਹੇ ਹਨ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/lv4nrOZ6ous
21 st Oct – 08 th Nov	11	ਕਹਾਣੀ - ਮਾੜਾ ਬੰਦਾ ਕਾਰ ਵਿਹਾਰ ਦੇ ਪੱਤਰ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੱਤਰ ਲਿਖਣ ਦੇ ਢੰਗ ਨੂੰ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/Xf3V_dCigig
11 th Nov – 30 th Nov	16	ਅਖਾਉਤਾਂ ਅਭਿਆਸ ਪੈਰਾ ਰਚਨਾ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੈਰੇ ਨੂੰ ਸਹੀ ਢੰਗ ਨਾਲ ਲਿਖਣ ਬਾਰੇ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/3yqn5_pIuTE
02 nd Dec – 21 st Dec	16	ਪੰਜਾਬ ਦੇ ਰਸਮ- ਰਿਵਾਜ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਦੇ ਰਸਮ ਰਿਵਾਜਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/OE4-eqGYEsE
23 rd Dec – 06 th Jan'25	10	MOCK YEARLY EXAM			
7 th Jan'25 –18 th Jan'25	9	ਸੰਖੇਪ ਰਚਨਾ ਵਾਕ-ਵਟਾਂਦਰਾ ਅਭਿਆਸ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸੰਖੇਪ ਰਚਨਾ ਕਰਨ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/jHLWAtmox6w
20 th Jan'25 - 07 th Feb'25	16	ਅਖਾਉਤਾਂ (15-30) ਵਾਰਿਸ- ਸ਼ਾਹ	ਇਸ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਅਖਾਉਤਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਦੇਸ਼ ਦੀ ਵੰਡ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।	ਅਭਿਆਸ ਪੇਪਰ	ਪਾਠ ਪੁਸਤਕ https://youtu.be/LdfPCxD09zI

10th Feb'25 -20th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			